

add a1

WHAT IS CLAIMED IS:

1. A system for mixing at least two products, the system comprising:
 - a first container for containing at least a first product, the first container comprising
 - a first opening,
 - a first coupler, and
 - a safety member; and
 - a second container for containing at least a second product, the second container comprising
 - a second opening,
 - a seal closing the second opening, and
 - a second coupler configured to engage with the first coupler,
 wherein the safety member is configured to press against the seal while the seal maintains closure of the second opening.
2. The system of claim 1, wherein the seal comprises a film seal.
3. The system of claim 1, wherein the safety member is configured to press against the seal while the first and the second couplers are out of engagement with one another.
4. The system of claim 1, wherein the safety member comprises a protrusion extending at least partially beyond the first opening.
5. The system of claim 4, wherein the protrusion comprises a blunt end for pressing against the seal.
6. The system of claim 5, wherein the blunt end comprises a flat surface.
7. The system of claim 1, wherein the first container further comprises an opening element for displacing portions of the seal from the second opening when the first coupler engages with the second coupler such that the second opening becomes at least partially

10035204-010402

uncovered to enable the first container to be in flow communication with the second container for mixing the first and second products.

8. The system of claim 7, wherein the opening element comprises a cutting device for at least partially cutting the seal when the first coupler engages with the second coupler.

9. The system of claim 8, wherein the cutting device comprises a trocar.

10. The system of claim 8, wherein the safety device comprises an end surface configured to contact the seal, and

wherein the cutting device is formed by a portion of the safety member spaced from the end surface.

11. The system of claim 1, wherein the first coupler comprises a first screw threading, and the second coupler comprises a second screw threading for engaging the first screw threading.

12. The system of claim 1, wherein the first container further comprises a neck and a hollow shaft located within the neck, wherein the hollow shaft defines the first opening and the first coupler is located on the hollow shaft.

13. The system of claim 12, wherein the safety member extends within the hollow shaft.

14. The system of claim 12, wherein the hollow shaft is connected to the neck via a connecting element and the connecting element comprises at least one vent orifice for allowing air to escape during mixing of the first and second products.

15. The system of claim 12, wherein the hollow shaft and the neck form a head.

16. The system of claim 15, wherein the head is formed of a single piece of material.

17. The system of claim 16, wherein the first container further comprises a body, and wherein the head is mounted on the body by one of welding and bonding.
18. The system of claim 1, further comprising a removable stopper for closing the first opening and for protecting the safety member.
19. The system of claim 18, wherein the removable stopper comprises a frangible end such that the removable stopper may be used as an applicator tip.
20. The system of claim 18, wherein the first container further comprises a neck bearing a screw thread for securing the removable stopper to the first container.
21. The system of claim 1, further comprising a removable stopper configured to be secured to the second container via the second coupler in both a first position and a second position, wherein the seal is capable of being protected in the first position and the seal is capable of being displaced in the second position.
22. The system of claim 21, wherein the removable stopper comprises a wall having skirt including a screw threading for engaging the second coupler, and wherein the removable stopper further comprises a perforating member.
23. The system of claim 1, wherein the first container comprises a tube having elastically deformable walls.
24. The system of claim 23, wherein the tube is formed from polyethylene.
25. The system of claim 1, wherein the second container comprises a tube.
26. The system of claim 25, wherein the tube is formed from aluminum, and the seal comprises an aluminum film.
27. The system of claim 1, further comprising a first product contained in the first container and a second product contained in the second container,

wherein the first product and the second product comprise a composition when mixed, the composition being one of a cosmetic product and a care product.

28. The system of claim 27, wherein the composition comprises one of a hair coloring product and a hair care product.

29. The system of claim 27, wherein the first product comprises an oxidizing agent and the second product comprises a dye.

30. A method of mixing at least two products, the method comprising:
providing the system of claim 1, wherein a first product is contained in the first container and a second product is contained in the second container;
engaging the first coupler with the second coupler; and
mixing the first product and the second product.

31. The method of claim 30, wherein the mixing of the first product and the second product forms a composition, the composition being one of a cosmetic product and a care product.

32. The method of claim 31, wherein the composition comprises one of a hair coloring and a hair care product.

33. The method of claim 30, wherein the first product comprises an oxidizing agent and the second product comprises a dye.

34. The method of claim 30, further comprising displacing the seal prior to engaging the first coupler with the second coupler.

35. The method of claim 30, wherein the system further comprises a removable stopper configured to be secured to the second container via the second coupler, and

wherein the displacing of the seal comprises displacing the seal via the removable stopper.

10035204.010402

- 204010 1005204 010402
36. A system for mixing at least two products, the system comprising:
a first container for containing a first product, the first container comprising
a first opening,
a first coupler, and
a safety member; and
a second container for containing a second product, the second container
comprising
a second opening,
a displaceable seal closing the second opening, and
a second coupler configured to engage with the first coupler,
wherein the safety member is configured to prevent engagement between the first
coupler and the second coupler prior to displacement of the seal.
37. The system of claim 36, wherein the seal comprises a film seal.
38. The system of claim 36, wherein the safety member is configured to press
against the seal while the first and the second couplers are out of engagement with one
another.
39. The system of claim 36, wherein the safety member comprises a protrusion
extending at least partially beyond the first opening.
40. The system of claim 39, wherein the protrusion comprises a blunt end for
pressing against the seal.
41. The system of claim 40, wherein the blunt end comprises a flat surface.
42. The system of claim 36, wherein the first container further comprises an opening
element for displacing portions of the seal from the second opening when the first coupler
engages with the second coupler such that the second opening becomes at least partially

uncovered to enable the first container to be in flow communication with the second container for mixing the first and second products.

43. The system of claim 42, wherein the opening element comprises a cutting device for at least partially cutting the seal when the first coupler engages with the second coupler.

44. The system of claim 43, wherein the cutting device comprises a trocar.

45. The system of claim 43, wherein the safety device comprises an end surface configured to contact the seal, and

wherein the cutting device is formed by a portion of the safety member spaced from the end surface.

46. The system of claim 36, wherein the first coupler comprises a first screw threading, and the second coupler comprises a second screw threading for engaging the first screw threading.

47. The system of claim 36, wherein the first container further comprises a neck and a hollow shaft located within the neck, wherein the hollow shaft defines the first opening and the first coupler is located on the hollow shaft.

48. The system of claim 47, wherein the safety member extends within the hollow shaft.

49. The system of claim 47, wherein the hollow shaft is connected to the neck via a connecting element and the connecting element comprises at least one vent orifice for allowing air to escape during mixing of the first and second products.

50. The system of claim 36, further comprising a removable stopper for closing the first opening and for protecting the safety member.

51. The system of claim 50, wherein the removable stopper comprises a frangible end such that the removable stopper may be used as an applicator tip.

52. The system of claim 50, wherein the first container further comprises a neck bearing a screw thread for securing the removable stopper to the first container.

53. The system of claim 36, further comprising a removable stopper configured to be secured to the second container via the second coupler in both a first position and a second position, wherein the seal is capable of being protected in the first position and the seal is capable of being displaced in the second position.

54. The system of claim 53, wherein the removable stopper comprises a wall having skirt including a screw threading for engaging the second coupler, and wherein the removable stopper further comprises a perforating member.

55. The system of claim 36, further comprising a first product contained in the first container and a second product contained in the second container,

wherein the first product and the second product comprise a composition when mixed, the composition being one of a cosmetic product and a care product.

56. The system of claim 55, wherein the composition comprises one of a hair coloring product and a hair care product.

57. The system of claim 55, wherein the first product comprises an oxidizing agent and the second product comprises a dye.

58. A method of mixing at least two products, the method comprising:
providing the system of claim 36, wherein a first product is contained in the first container and a second product is contained in the second container;
engaging the first coupler with the second coupler; and
mixing the first product and the second product.

59. The method of claim 58, wherein the mixing of the first product and the second product forms a composition, the composition being one of a cosmetic product and a care product.

60. The method of claim 59, wherein the composition comprises one of a hair coloring and a hair care product.

61. The method of claim 58, wherein the first product comprises an oxidizing agent and the second product comprises a dye.

62. The method of claim 58, further comprising displacing the seal prior to engaging the first coupler with the second coupler.

63. The method of claim 58, wherein the system further comprises a removable stopper for being secured to the second container via the second coupler, and

wherein the displacing of the seal comprises displacing the seal via the removable stopper.

204070-10252001